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OCT 31 2005

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Appln. Of: TAKEUCHI

Serial No.: 10/647,582

Filed: August 25, 2003

For: VARIABLE DRIVE CURRENT DRIVER CIRCUIT

Group: 2816

Examiner: NGUYEN, LONG T.

DOCKET: NEC F-11100DIV

MAIL STOP AF

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

SUBSTITUTE AMENDMENT D UNDER RULE 116

Dear Sir:

This Amendment is being filed in response to the Final Action mailed July 18, 2005. A  
Petition for a One Month Extension of time accompanies this Amendment.

Please amend the Application as follows:

Amendments to the Claims begin on page 2 of this Amendment.

Remarks/Arguments begin on page 16 of this Amendment.

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